

# One Month

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## Steal this code: Happy Hour App

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Week 1: JavaScript Basics · Lesson 12 ·

Lesson Notes

Discussion (160)

In this lesson, you'll download a completed JavaScript application, and then we'll learn together by breaking it! Yep, sometimes hacking around a completed app is the best way to learn. You'll be challenged to complete some tasks on your own to test what you've learned so far.

In this lesson I'll give you a completed JavaScript app. And we'll learn together by breaking it! Yep, sometimes hacking around a completed app is the best way to learn.

## Your Challenge

You can learn a lot about JavaScript simply by taking some existing code, and BREAKING it. I encourage you to download the Happy Hour project that I made [[DOWNLOAD HAPPY HOUR](#)], and ask yourself, "What's going on here?" and "Why does this work?"

## Here are 7 challenges that you need to do RIGHT NOW.

These will help you learn JavaScript quicker than a fat baby sweats:

1. If you wanted to see the results of `randomNumber` you could print that out by adding the following code after line 38:

```
document.write(randomNumber);
```

When you refresh what happens?

2. Did you notice that sometimes a 0 pops up? What's that about!? Do a quick [Google Search](#) and you'll learn that arrays always start with 0 (not 1). I just gave you that answer. Send it in as your answer and impress the hell out of your One Month Mentor.

3. What happens when you replace `bars[randomNumber]` with `bars[3]` ?

4. What does `bars.length` do? Print it out to see.

5. What does `Math.floor` do? Remove it to find out.

6. What is **Math** ? No that's not a metaphysical question. Seriously, what is that word Math doing all around this code!? I challenge you to google it and come up with a good answer. Go deeper and print out some other Math methods. You can do this. And it all starts with one 6 letter word: GOOGLE.

7. Add one friend to the list of friends.

**Bonus challenge:** Remove 3 friends from the list of friends. Why does this give you an "undefined" result when you occasionally refresh? Can you fix the problem?

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